

Victor M. Kern
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BLOCK LOCK/LEVELER TOOL

CLAIMS:

- 1) I Claim: A three piece **block lock/leveling** tool individually welded carrier/leveler that is fully adjustable in a range from 15 1/2 to 19 1/4" to accommodate any block from standard web block, to corner to chimney block or rock faced block, which will be sold as a single unit.
- 2) I Claim: A handle assembly which is a three piece unit with welded 3/16" hardened steel pins on opposing ends, illustrated on page 5 of 1 diagram to insure long life and prevent pin failure in rough use, with adjustable 3/16" keyed pin adjustment holes on opposing end, illustrated on page 5 of 1 and 6 of 1 diagram to accommodate varied **block sizes**, which will be fitted with a non slip rubberized grip or cover.
- 3) I Claim: A single tool unit in which when adjustment pin, illustrated on page 6 of 1 diagram is set to block size whether corners, rock faced, chimney, or webbed will with the upward motion of the handle cause opposing ends, illustrated on page 1a and 6 of 1 diagram to contract on block to support, center, and stabilize block.

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- 4) I Claim: A tool in which, while opposing ends contract causing friction between friction plates of tool and block to control and stabilize block, illustrated on page 6 of 1 and 1A figure A diagram. The block can then be laid with the weight centered totally by the handle assembly, while being leveled horizontally and vertically with mason watching the leveling plate bubble levels, illustrated on page 1A part I and 1 of 1 diagram, or horizontally by level inset in handle crossarm, page 1 of 1 diagram, and vertically by level on leveling plate, both of which are designed to suit individual masons preference.
- 5) I Claim: A tool in which while stabilizing block being laid allows the mason to receive a block from the tender and lay the block without ever having to readjust his hand or hands to center and support block while leveling, which will save time and money with each block laid.
- 6) I Claim: A tool in which opposing ends, illustrated on page 1A part E of diagram, contract on block to secure block by handle assembly, but only open 1/4 to 1/2 inch combined to insure no disturbance of 3/8 to 1/2 inch mud joint on previously laid block, or block being laid at present.

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- 7) I Claim: A tool in which when handle is released the tempered steel compression spring mechanism, illustrated on page 1A part J of diagram to expand 1/4 to 1/2 inch to release block that is carried, supported or laid, which shortens time from tender to finished block work.
- 8) I Claim: A tool which block is stabilized at three individual points the 3/4 inch steel plates, illustrated on page 1A part D of diagram, which are welded to opposing ends, and the leveling plate, illustrated on page 1A part I which is welded to the right tool assembly.
- 9) I Claim: A tool in which unit is vertically designed to be above block 5 inches, illustrated on page 6 of 1, 3 of 1, 2 of 1 diagrams, which allows mason to maintain a better posture and more control of the block in a better power zone which should prevent some back injuries.
- 10) I Claim: A tool in which right assembly is designed to allow left assembly to slide horizontally in an outward or inward range of motion which is controlled by contact or release of the handle assembly illustrated on page 6 of 1 and picture.

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- 11) I Claim: A tool in which by design will allow an accomplished mason or handyman to actually lay block with only block lock/leveler tool and trowel without constant readjustment or contact with either right, left or both hands which will save on gloves, abrasions, cement poisoning and wet cold hands.
- 12) I Claim: A tool in which steel leveling plate is designed to contact a large area of block to insure a proper horizontal and vertically leveling of block without reaching for a separate level, with attached leveling system being a one piece plastic horizontal/vertical bubble level attached by machine or steel set screws.
- 13) I Claim: A tool in which right handle assembly has an inset bubble level, made of plastic and designed specifically to aid in the initial horizontal leveling of block by the mason.
- 14) I Claim: A tool in which right handle assembly specifications and design are illustrated on page 1 of 1 and 3 of 1 diagram and attached by arc and/or wire feed welds on all sides except on stabilizer plates and parts welded being steel or other suitable allow that will withstand the rigors and abuse of cement block work.

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15) I Claim: A tool in which left tool assembly specifications and design are illustrated on page 6 of 1, 2 of 1 diagram and are attached by arc and/or wire feed welds on all sides except on stabilizer plate and all parts made of steel or other suitable alloy that will withstand the rigors and abuse of cement block work.

16) I Claim: A tool in which handle specifications and design are illustrated in detail on page 5 of 1 diagram and all components being of steel or other suitable alloy, with the exception of the handle grip which will be rubber or plastic. All pivot points fitted with hardened steel pins.

17) I Claim: Any other specifications and design of **BLOCK LOCK/LEVELER TOOL** described in drawings and pictures herein enclosed.

18) I Claim: A **BLOCK LOCK/LEVELER TOOL** which is by design and testing a must to aid in the block industry, with all improvements of tool protected with the innovation of inventor.

Thank You,
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